

Product Name: CD3 Mouse Monoclonal Antibody**Catalog #: AMM80524**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ICC,ELISA
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ICC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	/

Antigen Information

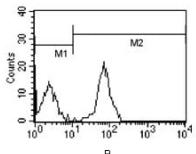
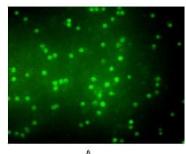
Gene Name	CD3
Alternative Names	T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; CD247
Gene ID	919.0
SwissProt ID	P20963
Immunogen	Purified recombinant fragment of human CD3 expressed in E. Coli.

Background

CD3 is a component of T cell surface receptor (TCR), it contains 5 invariable chains: gamma-, delta-, epsilon-, and zeta/eta. Clevers et al. (1988) showed the TCR/CD3 complex consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits. CD3 is responsible for the signal transduction of the TCR.

Research Area

Image Data



Immunofluorescence analysis of peripheral blood T cells using CD3 mouse mAb (A) and flow cytometric analysis of peripheral blood T cells using CD3 mouse mAb (B).